**Ordering Information**

**ET**

**Ordering Example:**
For Standard Fixture and Pole

Optional Entablature

**1 Mounting Configuration:**

<table>
<thead>
<tr>
<th>Plan View:</th>
<th>1.8</th>
<th>3.6</th>
<th>2.6</th>
<th>4.1</th>
<th>4.7</th>
<th>1.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA:</td>
<td>1A</td>
<td>2B</td>
<td>2L</td>
<td>3T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cat. No.:</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**2 Fixture:**
Catalog number designates ET fixture and light distribution.

**3 Electrical Module:**
HPS = High Pressure Sodium
MH = Metal Halide
SMH = Metal Halide with small outer jacket.

**4 Finish:**
TGIC powder coat paint on Housing, Lens Frame and Arm.

**5 Optional Photocell Control:**
Receptacle provided for NEMA base photocells (by others).

**6 Optional Polycarbonate Shield:**
See caution in "Option Specifications".

**7 Optional Houseside Shield:**
Cat. No.: HS
For ET2, ET3 and ET4 fixtures only.

**8 Optional Vertical Slipfitter Mounts:**
Cat. No.: VSF-1A, VSF-2B, VSF-2L, VSF-3T, VSF-4C
Mounting Configuration

<table>
<thead>
<tr>
<th>Square</th>
<th>Round</th>
<th>1A</th>
<th>2B</th>
<th>3T</th>
<th>4C</th>
</tr>
</thead>
</table>

**9 Optional Horizontal Slipfitter Mount:**
Cat. No.: HSF
Replaces standard mounting arm with a slipfitter for mounting to a horizontal pole davit-arm with 2½" pipe size mounting and (2½" o.d.)

**10 Special Options for Street Lighting:**
Terminal Block located inside the fixture electrical compartment. 85AMP 600V box clamp type accepting #14-4 wire.

**11 Poles**
See Kim Pole Booklet for complete selection of square and round poles in aluminum or steel.

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**Typical Light Set-Up:**
Mogul Base
150 to 400 Watt

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See separate Kim Pole Booklet. Omit for 1W Wall Mount.

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See back page for standard Kim Entablatures.
For custom Entablatures, contact your local Kim representative.

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See the AR/ET Photometric Catalog for selection of fixture and mounting configuration based on photometric performance.

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See the page 15 of the Entablature catalog.

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Color: Black, Dark Bronze, Light Gray, White
Cat. No.: BL-P, DB-P, LG-P, WH-P

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Allowable Wattage per fixture: 70-400W

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May be used with 400HPS in outdoor locations where ambient air temperature during fixture operation will not exceed 85°F.

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Recommended for use with clear lamps only. Effectiveness is reduced for coated lamps.

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Air Filter to allow ventilation through the optical chamber. Filters all air particles above 500 microns.
Cat. No.: AF
Option Specifications

Wall Mounting: Large ET model mounted to poured concrete walls only. A modified support arm is provided with side access to allow field splices within the arm. A wall embedment bracket is provided to accept draw bolts, and a trim plate covers the wall-embedded J-box. All wall mount components are finished to match the fixture. Small SET model mounts to 3" or 4" J-boxes by a cast aluminum adapter plate with fixture mounting bolts. CAUTION: J-box in wall must provide adequate fixture support. See NEC sections 370-13, 17 and 410-14, 16. Disconnect plug and wiring are provided to allow field connections prior to SET fixture mounting.

Optional Photocell Control: Large ET model supplied with a fully gasketed receptacle above the electrical compartment for NEMA base photocells (by others). For multiple-fixture pole mountings (250W or less), one fixture has a receptacle to operate the others. Four 400W fixtures require two fixtures with receptacles. Small SET model supplied with an internal photocell with the sensor on the fixture end facing the pole. For multiple-fixture pole mountings, one fixture has a photocell to operate the others. Not available for SET if wall mounted.

Optional Polycarbonate Shield: ET or SET model supplied with a one piece vacuum formed clear UV stabilized polycarbonate shield, fully gasketed, replacing the standard tempered glass lens. 250W maximum in ET model (see note at right). CAUTION: Use only when vandalism is anticipated to be high. Useful life is limited by UV discoloration from sunlight and metal halide lamps.

Optional Houseside Shield: (For types II, III and IV light distributions only). Stamped aluminum with louvers that pass streetside light and block houseside light. Clear anodized finish. Attaches to lens and frame on any four sides to insure correct orientation with reflector. Black anodized panel added to reflector to reduce houseside reflections. Use with clear lamps only, as coated lamps reduce reflectiveness.

Optional Vertical Slipfitter Mounts: Allows ET or SET model with standard support arm to be mounted to poles having a 2" pipe size tenon (2 1/8" O.D. x 4 1/2" min. length). Any mounting configuration can be used (1A, 2B, 2L, 3T or 4C). 4" square or round cast aluminum with flush cap, secured by (4) 3/8" stainless steel set point Allen screws, finished to match fixture and arm.

Optional Horizontal Slipfitter Mount: Allows ET or SET model to be mounted to a horizontal pole davit-arm with 2" pipe size mounting end (2 1/4" O.D.). Cast aluminum clamp-type slipfitter with single set screw anti-rotation lock. Bolts to housing from inside the electrical compartment using mounting holes for the standard support arm.

Special Options for Street Lighting

Optional Terminal Block: (For field wire connections in ET model only), 8AMP, 600V box clamp terminal block mounted to the housing inside the electrical compartment. Accepts #14-4 wire. Factory prewired to electrical module disconnect plug.

Optional Air Filter: Allows ET or SET model to ventilate through the optical chamber, filtering all air particles above 500 microns. Multi-layer disc assembly mounted in the barrier wall separating the optical chamber and housing.
**ET/SET**  
**Fixture Details and Specifications**

### Dimensions

**ET Model 150-400 Watt Mogul Base Lamps**

- Dimensions: 23" x 8" x 6"
- Max. Fixture Wt. (400HPS) = 45 lbs.

**SET Model 75 Watt Jam Base Lamps**

- Dimensions: 17 1/2" x 5" x 4 3/4"
- Max. Fixture Wt. (150HPS) = 25 lbs.

### Fixture Specifications

**Housing:** One piece die cast aluminum with integral cooling fins on the top surfaces above the optical chamber and electrical compartment. A solid barrier wall separates the optical and electrical compartments, with gasketed wire penetrations. A double-thick wall with gussets is provided on the support arm mounting end. Inset sections on each end provide for attachment of optional entablatures, and cradle the mounting arm. All hardware is stainless steel or electro-zinc plated steel.

**Lens Frame:** One piece die cast aluminum with a 1" minimum thickness around the gasket flange for rigidity. Integral hinges with stainless steel pins provide no-tool mounting and removal from the housing. Two stainless steel thumb-latches are recessed into the front corners, concealed from normal view. Lens frame seals against the housing by a one piece extruded silicone gasket with vulcanized end closure. Clear ¾" thick tempered flat glass lens is retained in the frame by eight clips with full silicone gasketing around the perimeter.

**Reflector Module:** Specular Alzak® optical segments are rigidly mounted in an aluminum frame which attaches to the housing as a one piece module. Reflector module is field-rotatable in 90° increments. For the large ET model, all HPS sockets are porcelain mogul base rated 4KV, and MH sockets are pin-oriented with a molded silicone lamp stabilizer. For the small SET model, all sockets are porcelain medium base rated 4KV. All sockets are factory prewired with a disconnect plug for the ballast module, with wires passing through a silicone gasket in the housing barrier wall. Four light distributions are available and interchangeable within the same housing size.

**Electrical Module:** All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with disconnect plugs. Electrical module attached to housing with no-tool hinges and latches, accessible by opening the lens frame. All ballasts are high power factor with starting temperatures of -40°F for HPS and -20°F for MH lamp modes.

**Support Arm:** One piece extruded aluminum with internal bolt guides and a recessed step to match the housing. Luminaire-to-pole attachment is by internal draw bolts, and includes a pole reinforcing plate with wire strain relief. For mounting to round poles, arm is circular cut for precise mating to the pole diameter.

**Entablatures:** (Optional) Stamped from .090” aluminum sheet, mechanically attached to front and back of housing with no visible fasteners. For custom entablatures contact your local Kim representative.

**Finish:** Housing, lens frame, arm and optional entablatures are finished in TIGIC thermostat polyester powder coat paint available in standard colors of black, dark bronze, light gray or white. Powder coating is 2.5 mil nominal thickness with all components thoroughly cleaned and primed with a chromate pretreatment; 2500 hour salt spray test endurance rating. Custom colors are available and subject to additional charges, minimum quantities and longer lead times. Consult representative.

**Certification:** UL listed (120, 208, 240, 277 and 480 volt only) and CSA certified (120 and 347 volt only) for wet locations. All photometrics based on Independent Testing Laboratory (ITL) reports.

**Warning:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.